

Title (en)

Process for producing a slurry containing concentrated liquid and ice crystals and subassembly therefor.

Title (de)

Verfahren zur Herstellung einer Masse aus konzentrierter Flüssigkeit und Eiskristallen und Vorrichtung hierzu.

Title (fr)

Procédé pour la fabrication d'une masse de liquide concentré et cristaux de glace et sous-ensemble pour cela.

Publication

EP 0107705 A4 19840911 (EN)

Application

EP 83901679 A 19830414

Priority

US 37165882 A 19820426

Abstract (en)

[origin: WO8303892A1] Freeze crystallization subassembly (12, 66, 112) having means (23, 72, 126) for continuously removing crystals formed on a heat transfer surface (16, 74, 129) from the surface (16, 74, 129). A scraper shuttle (23, 72, 126) is moved across the heat transfer surface (16, 74, 129) by a fluid being refrigerated to remove crystals from the surface (16, 74, 129). The crystals are carried to a mixer (14, 114) where they are mixed with incoming feed (11, 111) until a circulating slurry is produced. Means (13, 113) is provided to remove slurry from the mixer (14, 114).

IPC 1-7

F28F 19/00; **F28G 1/12**

IPC 8 full level

F25C 1/14 (2006.01); **F28F 19/00** (2006.01); **F28G 1/12** (2006.01)

CPC (source: EP US)

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Citation (search report)

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DOCDB simple family (application)

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